

TO: Distribution
FROM: R. B. Rakip
DATE: October 24, 1973
SUBJECT: Installation of MSS 21.1

The hardcore system, MSS 21.1, was installed at 08:14 on Wednesday, October 24, 1973. This system consists of the hardcore portion of the extended Star Convention, upgraded I/O routines which signal conditions with the revised info structures, some operational additions to the reloader as well as bug fixes to the reloader, reconfiguration routines and the segments `get_defname_`, `tty_ctl` and `dn355`. The system libraries were updated at 13:53, on Wednesday, October 24, 1973.

I. System Change Log

<u>Change #</u>	<u>Change</u>
1165	Install the hardcore portion of the extended Star Convention.
1166	Change <code>ios_</code> , <code>rest_of_ioa_</code> , <code>com_err_</code> to signal conditions with revised info structures.
1167	Produce a map when cold reloading; provide the ability to stop dump after catchup pass; allow test dumping without tape writing and fix test for the name "catch_dump".
1168	Fix <code>get_defname_</code> to work with ring 0 segments.
1169	Fix bug in tty control tables which sometimes cause hangups to go unnoticed.
1171	Fix reconfiguration so we can: 1. delete memories with 2 cpu's on, 2. delete bootload cpu, 3. delete control memory for a cpu; and fix a bug in <code>ring_alarm</code> .

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I. System Change Log (continued)

<u>Change #</u>	<u>Change</u>
1171	Attempt to fix 355 bug which is crashing the system during a lot of printing on the console.

II. Segment Change Log

<u>Segment Name</u>	<u>Bound Segment</u>	<u>Change #</u>
bk_arg_reader_.p11	bound_reloader_	R 1167
bk_ss_.alm	bound_reloader_	R 1167
com_err_.p11	bound_error_handlers_	R 1166
dn355.p11	bound_355_wired	R 1171
get_defname_.p11	bound_file_system	R 1168
init_processor.alm	-	R 1170
ios_.alm	bound_command_loop_	R 1166
ios_signal_.p11	bound_command_loop_	A 1166
match_star_.p11	bound_file_system	D 1165
match_star_name_.p11	bound_sss_active_	A 1165
pxss.alm	-	R 1170
reload.p11	bound_reloader_	R 1167
rest_of_ioa_.p11	bound_command_loop_	R 1166
ring_alarm.p11	bound_tc_wired	R 1170
scs_init.p11	bound_temp_1	R 1170
star_.p11	bound_file_system	R 1165
stop_cpu.p11	bound_process_creation	R 1170
tty_ctl.ioc	-	R 1169

Include Files

bk_ss_.incl.p11	R 1167
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Bind Files

bound_command_loop_.bind	R 1166
bound_file_system.bind	R 1165
bound_sss_active_.bind	R 1165

III. Bound Segment Change Log

<u>Bound Segment</u>	<u>Change</u>
bound_355_wired	Replaced dn355
bound_command_loop_	Added ios_signal_ Replaced ios_ rest_of_ioa_

III. Bound Segment Change Log (continued)

<u>Bound Segment</u>	<u>Change</u>
bound_error_handlers_	Replaced com_err_
bound_file_system	Replaced get_defname_ star_ Deleted match_star_
bound_process_creation	Replaced stop_cpu
bound_reloader_	Replaced bk_arg_reader_ bk_ss_ reload
bound_sss_active_	Added match_star_name_
bound_tc_wired	Replaced ring_alarm
bound_temp_1	Replaced scs_init

IV. Header Change Log

Change #1165 deleted the name match_star_ from the list for bound_file_system and added the names match_star_name_ and check_star_name_ to the list for bound_sss_active_ while change #1167 added the name bk_arg_reader_ the list of names for bound_reloader_.